

Selected ROL Sequences

CLASS I

Clone #	Flanking sequence	Random sequence	Flanking sequence	Affinity
15	TGAGATCTGGATCCGTTTC	GGGGAAGGGAAGGTGAAAGCAAGAATTACC	GTCTACGAATTCAGCTG	++++
18	TGAGATCTGGAACCGTTTC	GGGGAAGGGAAGGTGAAAGCAAGAATTACC	GTCTACGAATTCAGCTG	++++
32	TGAGATCTGGATTCGTTTC	GGGGAAGGGAAGGTGAAAGCAAGAATTACC	GTCTACGAATTCAGCTG	++++
36	TGAGATCTGGATCCGTTTC	GGGGAAGGGAAGGTGAAAGCAAGAATTACC	GTCTACGAATTCAGCTG	++++
82	TGAGATCTGGATCCGTTTC	GGGGAAGGGAAGGTGAAAGCAAGAATTACC	GTCTACGAATTCAGCTG	++++
89	TGAGATCTGGATC GTTC	GGGGAAGGGAAGGTGAAAGCAAGAATTACC	GTCTACGAATTCAGCTG	++++
22	TGAGATCTGGATCCGTTTC	GGGGAAGGGAAGGTGAAAGCAAGAATTACC	GTCTACGAATTCAGCTG	++++
33	GAGATCTGGATCCGTTTC	GGGGAAGGGAAGGTGAAAGCAAGAATTACC	GTCTACGAATTCAGCTG	++++
71	GAGATCTGGATCCGTTTC	GGGGAAGGGAAGGTGAAAGCAAGAATTACC	GTCTACGAATTCAGCTG	++++
73	TGAGATCTGGATCCGTTTC	GGGGAAGGGAAGGTGAAAGCAAGAATTACC	GTCTACGAATTCAGCTG	++++

CLASS II

21	TGAGATCTGGATCCGTTTC	GACAAACCGGTAAATAAGCCGTAGATTACC	GTCTACGAATTCAGCTG	++++
14	TGAGATCTGGATCCGTTTC	GACAAACCGGTAAATAAGCCGTAGATTACC	GTCTACGAATTCAGCTG	++++
19	TGAGATCTGGATCCGTTTC	GACAAACCGGTAAATAAGCCGTAGATTACC	GTCTACGAATTCAGCTG	+++
29	TGAGATCTGGATCCGTTTC	ATTGTACAGCCGTAAATAATCGGGAGTCT	GTCTACGAATTCAGCTG	+++
5	TGAGATCTGGATCCGTTTC	GAGCAGTAAAGTAAGAAAGCCCGGTTTC	GTCTACGAATTCAGCTG	++
60	TGAGATCTGGATCCGTTTC	ATCGCGTAAATAAGTCCATCGGAACGTGT	GTCTACGAATTCAGCTG	+
2	TGAGATCTGGATCCGTTTC	<u>GGTAAATGACGACGGGATCGAAAT</u>	GTCTACGAATTCAGCTG	+
39	TGAGATCTGGATCCGTTTC	AAACAGTGAATGGGGACGGTAGAACTA	GTCTACGAATTCAGCTG	+
61	TGAGATCTGGATCCGTTTC	AGAATAGAAAGAGACGGTAAATAACTA	GTCTACGAATTCAGCTG	+

FIGURE 1

Transient Assays with 3-day Maize Roots (an average of three experiments)

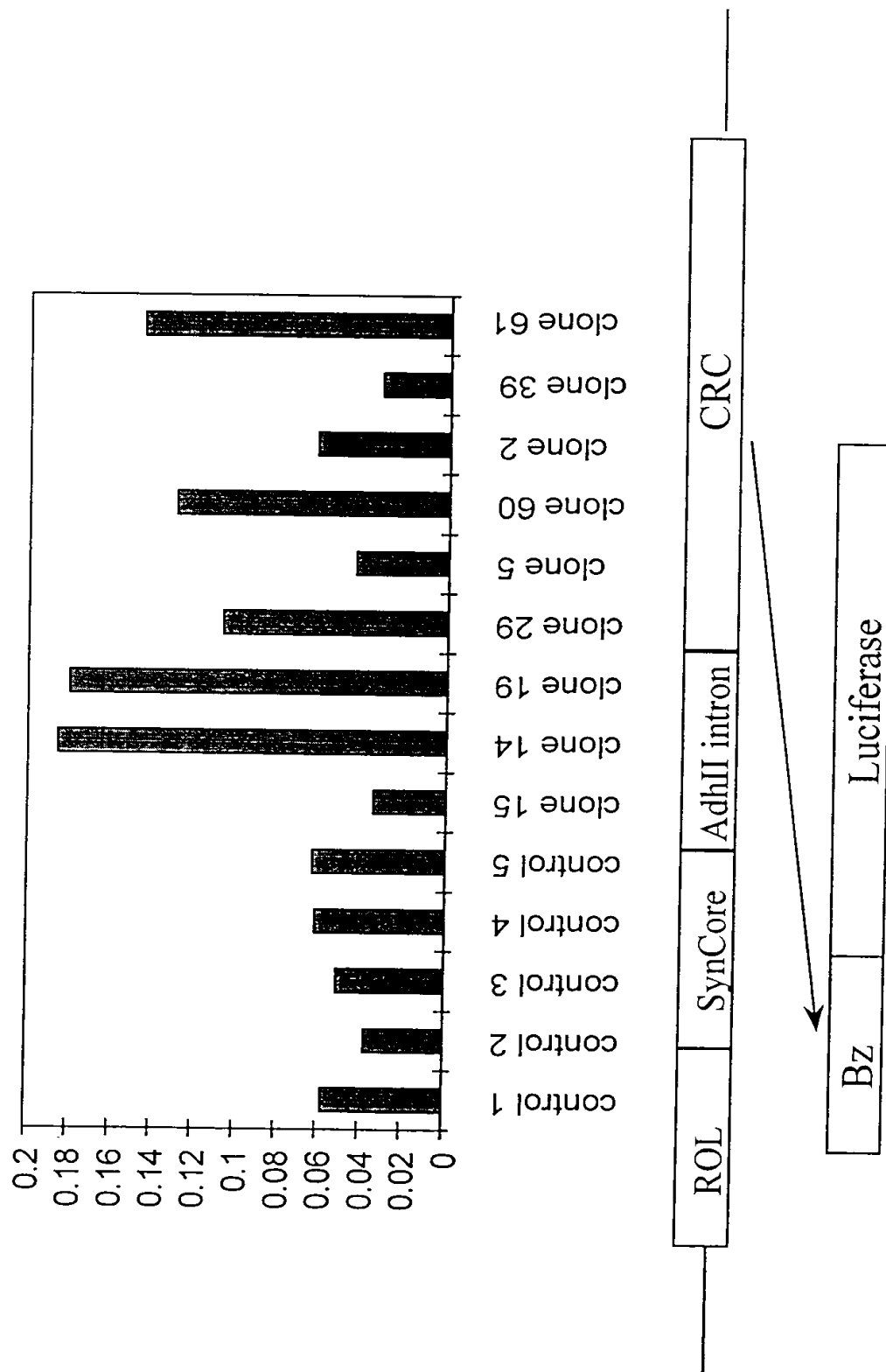


FIGURE 2

Transient Assays with 3-day Maize Shoots

(data from three experiments)

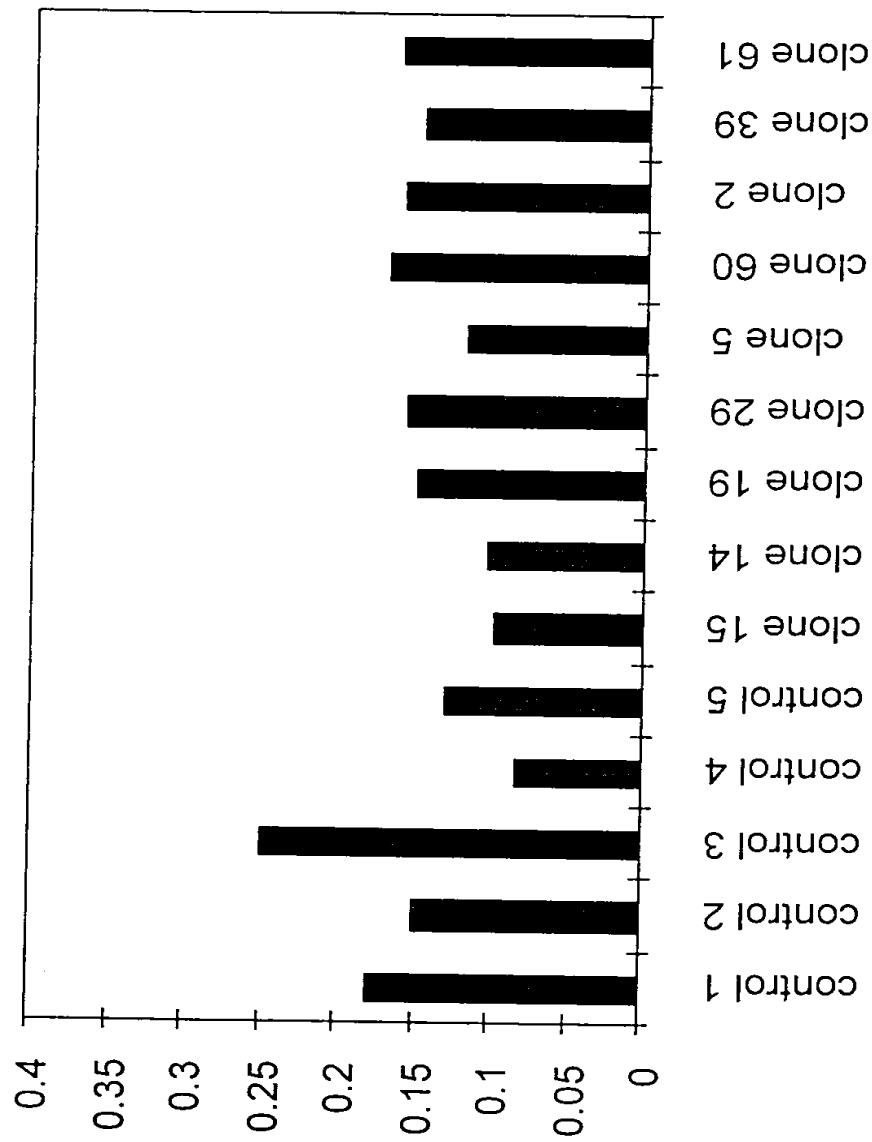


FIGURE 3